|                |  |          |          |           |          |             |                            |           |            |          |                |          | 10/020,594   |                   |            |                |                   |           |          |       |          |          |             | SCHREDL ET AL. |          |          |           |          |          |   |  |  |
|----------------|--|----------|----------|-----------|----------|-------------|----------------------------|-----------|------------|----------|----------------|----------|--------------|-------------------|------------|----------------|-------------------|-----------|----------|-------|----------|----------|-------------|----------------|----------|----------|-----------|----------|----------|---|--|--|
|                |  |          |          |           |          |             |                            |           |            |          |                |          | Examiner     |                   |            |                |                   |           |          |       |          |          | Art Unit    |                |          |          |           |          |          |   |  |  |
|                |  |          |          |           |          |             |                            |           |            |          |                |          |              | Len Tran          |            |                |                   |           |          |       |          |          |             |                | 1725     |          |           |          |          |   |  |  |
| г              | _  |          |          |           | 1        |             |                            |           |            |          |                |          |              |                   |            |                |                   |           |          |       |          | -        | <del></del> |                |          |          |           |          |          |   |  |  |
| 1              |  | Rejected |          |           |          |             | - (Through numer Cancelled |           |            |          |                | era      | 1)           |                   | N          | 1              | Non-Elected       |           |          |       | A        | Appeal   |             |                |          |          |           |          |          |   |  |  |
| =              | =  | Allowed  |          |           |          | ÷           |                            |           | Restricted |          |                |          |              |                   | ı          | Interference C |                   |           |          | 0     | Objected |          |             |                |          |          |           |          |          |   |  |  |
|                |  |          |          | _         | J<br>——  |             |                            |           |            |          |                |          |              |                   |            |                |                   |           |          |       |          |          |             |                |          |          |           |          |          |   |  |  |
| Claim          | 7  |          |          | Date<br>I | e        |             |                            | -1.       | CI         | aim<br>T |                | _        | _            | Dat               | e          | Т              |                   | _[`       | -        | Clai  |          |          |             | T-1            | Date     | 9        |           | _        | 4        |   |  |  |
| Final Original |  |          |          |           |          |             |                            | -         | Final      | Original |                |          |              |                   |            |                |                   |           |          | Final | Original |          |             |                |          |          |           |          |          |   |  |  |
|                | -1   |          | Ļ        | <u> </u>  |          |             |                            | ╝.        | -          | 1        | Ш              | 4        | 4            | 1                 | <u> </u> _ | 1              | Ш                 | _  :      |          |       |          |          | $\perp$     | L              |          |          |           | $\perp$  | ╛        |   |  |  |
| 2              | 4  |          | ├        | ├         |          | -           | $\vdash$                   | ┥.        |            | 51<br>52 |                | $\dashv$ | +            | +                 | ╀          | ╀              | $\vdash$          | - :       | -        |       | 01       | $\vdash$ |             | ┼-             | -        | -        | $\dashv$  | $\dashv$ | $\dashv$ |   |  |  |
| 3              | H  | ٦        | -        |           |          | $\dashv$    |                            | $\exists$ | $\vdash$   | 53       |                | +        | +            | +                 | 1          | T              | $\Box$            | -[        | ŀ        |       | 03       |          | †-          | ╁              | -        |          | 7         | $\dashv$ | $\dashv$ |   |  |  |
| 4              | П  | $\Box$   |          |           |          |             |                            | ]         |            | 54       |                | $\top$   | T            | $\top$            |            | Γ              |                   |           |          |       | 04       |          |             |                |          |          |           | $\Box$   |          |   |  |  |
| 5              |  | +        | -        | -         | Н        | -           |                            | $\dashv$  | -          | 55<br>56 | H              | +        | +            | -                 | ┞          | ╀              | -                 | -         | -        |       | 05<br>06 |          | 4-          | ┼-             | -        | $\dashv$ |           | +        | 4        |   |  |  |
| 7              | H  | $\dashv$ |          |           | H        |             | $\dashv$                   | $\dashv$  | -          | 57       | $\vdash$       | +        | ╁            |                   | ┢          | ╁╴             | $\vdash$          | $\dashv$  | +        |       | 07       | -        | ╁           | ╁              | -        | $\dashv$ | +         | $\dashv$ | $\dashv$ |   |  |  |
| 8              |  |          |          |           |          |             |                            |           |            | 58       |                |          |              |                   |            |                |                   |           |          |       | 08       |          |             |                |          |          |           |          |          |   |  |  |
| 9              | $\coprod$  |          | _        | _         | _        |             | _                          | 4         |            | 59       | $  \cdot  $    | $\perp$  | 4            |                   | L          | L              | Ш                 | 4         | L        |       | 09       |          | 4_          | _              |          |          | _         | _        | 7        |   |  |  |
| 10             | H  | $\dashv$ | ├        | $\vdash$  |          | $\dashv$    | +                          | -         | -          | 60<br>61 | $\vdash$       | +        | +            |                   | -          | +-             | $\vdash$          | $\dashv$  | -        |       | 10       | -        | +           | ┼─             |          | $\dashv$ | -         | -        | -        |   |  |  |
| 11             | H  | +        | $\vdash$ |           |          | $\exists$   | $\dashv$                   | 1         | -          | 62       | $\vdash$       |          | +            | +                 | <u> </u>   | +              | $\dagger \dagger$ | ╡.        | 1        |       | 12       | -        | ╁           | +              | Н        |          | +         | +        | ┪        |   |  |  |
| 13             | $\prod$  |          |          |           |          |             | $\Box$                     | ]         |            | 63       | П              |          |              |                   |            |                |                   |           | L        |       | 13       |          |             |                |          |          | $\Box$    | $\Box$   | ]        | • |  |  |
| 14             | $\!$ |          | H        |           | $\vdash$ | $\dashv$    | +                          | -         | -          | 64<br>65 | <del> </del> ⊦ |          | +            | +-                | H          | ├-             | $\vdash$          | -         | -        |       | 14<br>15 | -        | ╂           | -              | $\vdash$ | $\dashv$ | 4         | -        | $\dashv$ | • |  |  |
| 16             | H  | +        | $\vdash$ |           | Н        | $\dashv$    | $\dashv$                   | $\dashv$  | -          | 66       | $\vdash$       | +        | ╁            | ╁                 | 1-         | ╁╴             | H                 | $\dashv$  | -        |       | 16       | +        | ╁           | ╁              | -        |          | +         |          | ┨        |   |  |  |
| 16<br>(17)     |  |          |          |           |          |             | I                          |           |            | 67       | П              |          |              |                   |            |                |                   |           | t        |       | 17       |          |             |                |          |          | 7         |          | 1        |   |  |  |
| 18             | +  | $\perp$  |          | _         | $\sqcup$ | 4           | -                          | ┨.        |            | 68       | $\sqcup$       | _        | +            | 4-                | L          | ┞              | $\vdash$          | վ։        | -        |       | 18       |          | 1           | 1              |          | _        | 4         | $\perp$  | 4        |   |  |  |
| 19 V           | +  | _        | $\vdash$ |           |          | $\dashv$    | $\dashv$                   | - -       | $\vdash$   | 69<br>70 | $\vdash$       | ╬        | ╀            | ╁                 |            | -              | $\vdash$          | -         | $\vdash$ |       | 19<br>20 | +        | +           | $\vdash$       |          | -        | -         |          | -{       |   |  |  |
| 21             | Ť  | 1        |          | -         |          |             | $\dashv$                   | ٦         |            | 71       | $\Box$         | +        | $^{\dagger}$ | $\top$            |            |                | $\vdash$          |           |          |       | 21       | $\dashv$ | 1-          |                |          | $\dashv$ | +         | $\top$   | $\dashv$ |   |  |  |
| 22             | Ţ  | $\perp$  |          |           | $\Box$   | $\Box$      | $\Box$                     | ]         |            | 72       |                | $\perp$  | T            | $\Box$            |            |                |                   |           | E        |       | 22       |          |             | $\Box$         |          |          | I         |          | ]        |   |  |  |
| 23             | +  | -        | Н        | Н         |          |             | +                          | -         |            | 73<br>74 | $\vdash$       | +        | +            | +                 | -          | -              | $\vdash$          | 4         | -        |       | 23<br>24 |          | +           | $\vdash$       |          | $\dashv$ | - -       | +        | 4        | ļ |  |  |
| 25             | +  | +        | Н        | Н         | $\vdash$ | $\dashv$    | $\dashv$                   | $\dashv$  | $\vdash$   | 75       |                | +        | +            | +                 | $\vdash$   | H              | $\vdash$          | $\dashv$  | $\vdash$ |       | 25       | +        | ┿           |                | H        | +        | $\dashv$  | +        | $\dashv$ |   |  |  |
| 26             | İ  |          |          |           |          |             |                            |           |            | 76       |                |          |              |                   |            |                |                   |           |          | 1     | 26       |          |             |                |          |          |           |          |          |   |  |  |
| 27             | 1  |          |          |           |          | 4           | _ _                        | ] :       |            | 77       | П              |          | 1.           | 4_                |            | Ľ              |                   | ]         |          |       | 27       |          |             |                |          | $\Box$   |           |          |          |   |  |  |
| 28             | +  | -        | $\vdash$ | -         | $\dashv$ | $\dashv$    | +                          | -         | <u> </u>   | 78<br>79 | -              |          | +            | +-                | -          | -              | $\vdash$          | -         | 1        |       | 28<br>29 | - -      | +           | H              | $\dashv$ | -        | -         | +        | $\dashv$ |   |  |  |
| 30             | t  |          |          | $\dashv$  | 1        | -           |                            | -         | <b></b> -  | 80       | $\vdash$       | +        | +            | +-                | -          | -              | $\vdash$          | $\exists$ | $\vdash$ |       | 30       | +        | +           | $\vdash$       | -1       | $\dashv$ | -+        | +        | $\dashv$ |   |  |  |
| 31             | 1  |          |          |           |          |             |                            |           |            | 81       |                |          |              |                   |            |                |                   | ]:        |          | 1     | 31       |          |             |                |          |          |           |          |          |   |  |  |
| 32             | 4  | $\perp$  |          |           | 2        | $\dashv$    | +                          | _         |            | 82       |                | +        | ╀            | ↓_                | _          | L              | -                 | _         | L        | _   1 | 32       |          | 1_          | _              | _        |          | -         | -        | _        |   |  |  |
| 33             | +  | +        |          | $\dashv$  |          | $\dashv$    | +                          | -         |            | 83<br>84 | -              |          | ╫            | ╫                 |            | -              | $\vdash$          | -  :      | ┢        |       | 33<br>34 | +        | ╀           | Н              | $\dashv$ | -+       | -+        | +        | $\dashv$ |   |  |  |
| 35             | †  |          |          | $\dashv$  | $\neg$   | $\dashv$    | -                          | -         |            | 85       |                | $\top$   | †            | 1                 |            | 1              | H                 | ╡.        | 十        |       | 35       |          | 1-          | Н              |          | _        | $\dagger$ | +        | 1        |   |  |  |
| 36             | I  |          |          | $\Box$    | $\Box$   | $\sqsupset$ |                            | ] :       |            | 86       |                |          | I            | oxdot             |            |                |                   |           |          |       | 36       |          |             |                |          |          |           |          | ]        |   |  |  |
| 37 38          | -  |          | -        | -         | -        | -+          | +                          | ┨ .       | <b> </b>   | 87<br>88 |                | +        | +-           | -                 | _          | L              |                   | - 1       | -        |       | 37<br>38 |          | -           | Н              | -        | $\dashv$ | +         | +        | -        |   |  |  |
| 39             | +  |          |          | $\dashv$  | $\dashv$ | -           | +                          | -         | -          | 89       | -              | ╁        | ╁            | +                 | _          | $\vdash$       |                   |           | -        |       | 39       |          | -           | Н              | $\dashv$ | +        | +         | +        | $\dashv$ |   |  |  |
| 40             | †  |          |          |           |          | 1           | $\top$                     |           |            | 90       |                | 1        | 1            |                   |            |                |                   |           | Ė        | 1     | 40       |          |             | $\Box$         |          | $\dashv$ | +         | T        | 7        |   |  |  |
| 41             | I  |          |          |           |          |             |                            | ]         |            | 91       |                |          | I            |                   |            |                |                   |           | Г        | 1     | 41       |          |             |                |          |          |           |          |          |   |  |  |
| 42             | +  | -        | $\dashv$ |           | -        | +           | +                          | -         | -          | 92<br>93 | -              | +        | +            | -                 | _          | _              | -                 | - -       | ┝        | - 1   | 42<br>43 | - -      | ╀           |                | -        | 4        | +         | -        | -        |   |  |  |
| 43             | +  | +        | $\dashv$ | +         | +        | +           | +                          | 1         | -          | 93       |                | +        | +            | 1-                |            | Н              | -                 | 1         | 1        |       | 44       | +        | 1-          | H              | $\dashv$ | +        | +         | +        | $\dashv$ |   |  |  |
| 45             | 1  |          |          |           |          |             | 上                          |           |            | 95       |                | 上        | T            | $\perp$           |            |                |                   | _         |          | 1     | 45       | 丁        |             |                |          | 士        | 1         | 士        | 1        |   |  |  |
| 46             | Į  | П        | Į        | Į         | 4        | J           | $\perp$                    | 1.        |            | 96       |                | $\perp$  | L            |                   |            |                | $\perp$           |           | F        |       | 46       | T        | F           | П              | $\Box$   | $\perp$  | $\perp$   | $\bot$   | ].       |   |  |  |
| 47             | ╁  | -        | -        | $\dashv$  | -        | -           | +                          | -  .      | <u> </u>   | 97<br>98 | +              | +-       | ╁            | +                 | _          |                |                   | 7         | $\vdash$ |       | 47<br>48 | -        | -           | $\mid - \mid$  | $\dashv$ | +        | - -       | +        | $\dashv$ |   |  |  |
| 49             | t  | $\pm$    | _        |           | 十        | _           |                            | <u> </u>  |            | 99       | $\dashv$       | +        | $\dagger$    | $\dagger \exists$ | _          | Н              | +                 | 1         | 1        |       | 49       |          | $\vdash$    | $\vdash$       | $\dashv$ | +        | +         | +        | 1        | 1 |  |  |
| 50             |  |          |          |           | $\Box$   |             | $\perp$                    | ]         |            | 100      |                | L        | $\perp$      |                   |            |                |                   |           |          |       | 50       |          |             |                |          | $\Box$   |           |          |          |   |  |  |
|                |  |          | _        |           |          |             |                            |           |            |          |                |          |              |                   |            |                |                   |           |          |       |          |          |             |                |          |          |           |          |          |   |  |  |

Application No.

Index of Claims

Applicant(s)